

WEEKLY SUMMARY REPORT

Client:	Needham DPW	Dates:	2/10/2020 to 2/14/2020
Contract:	Rosemary Lake Dredging		
Contractor:	Maverick Construction Co., Inc.	Inspector(s) on site:	Caroline Armstrong

WORK COMPLETED THIS WEEK

- Weekly turbidity monitoring conducted on Wednesday and Friday along Rosemary Brook. Fish nets inspected by BETA.
- Beach parcel cleared of equipment and raked. Stone forebay surveyed by Maverick and pumps within forebay were cleaned of sediment or mud.
- Additional dense grade delivered and added to work pad slope. Erosion control logs were added around the soil bins. Designated refueling sign placed at work pad. Cement silo delivered to Site on Friday and placed on work pad next to soil bins. Construction project sign erected on perimeter fencing by gate entrance.
- A total of 12 grids have been excavated and stockpiled through February 4th. Of the 12, 7 grids (G-5, H-5, I-5, G-6, F-6, L-1, and M-1) were designated for Aggregate – Saugus and 5 grids (H-4, I-4, J-4, H-6, and I-6) are designated for unlined landfill standards.
- Maverick added cement to the second and third soil bins on site. After mixing, these piles were smoothed and covered with poly sheeting. Logs were placed on the edges of the polysheeting to hold in place. Piles were checked on Friday and appeared to be stabilized. No additional cement will be added to existing soil bin piles. Maverick conducted a small pilot test previously to determine appropriate ratio of cement to add. Awaiting approval for waste profile acceptance at Southbridge landfill (anticipated in next day or so)

WORK ANTICIPATED FOR NEXT WEEK

- Weekly turbidity monitoring to be conducted along Rosemary Brook.
- Upon approval at Southbridge, begin hauling of material to landfill.
- First fuel delivery to fill fuel cubes.
- Continue excavation of lakebed material. Continue stockpiling of material to allow dewater. Continue relocation of excavated material into soil bin areas to allow stabilization. If needed, addition and mixing of cement to new material in soil containment area, approx. 1-3%, per Stabilization Plan.

PHOTOS



Drone Aerial of construction on Wednesday



Drone Aerial of construction on Wednesday



Tuesday 2/11/2020

Water level rising at work pad as a result of precipitation



Tuesday 2/11/2020

Erosion control added around soil piles. Soil piles shown prior to cement added.



Tuesday 2/11/2020

Erosion control added around soil piles. Soil piles shown prior to cement added.



Wednesday 2/12/2020

Cement added to middle and far end soil bins.



Wednesday 2/12/2020

Cement added to middle and far end soil bins. Cement was added staggeringly and then mixed uniformly.



Wednesday 2/12/2020

The soil bin closest to the edge of bank and staging area parking lot did not need cement additive.



Friday 2/14/2020

Soil bins were covered with polysheeting on Wednesday.



Friday 2/14/2020

Material in bins appear stabilized after cement additive.



Thursday 2/13/2020

Forebay and lake with higher water level due to precipitation.



Thursday 2/13/2020

Forebay and lake with higher water level due to precipitation.



Friday 2/14/2020

Preparation of location for cement silo.



Friday 2/14/2020

Cement silo delivered to staging area.



Tuesday 2/11/2020

Inlet fish nets inspected



Construction project detail sign erected by entrance



Access completed behind soil bins on work pad



Designated Fueling Area sign placed on site



Quickcrete bags at staging area